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Genesys Spine® Binary™ Anterior Cervical Plate  
with HELIOS  Technology

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Genesys  
spine™

1250 Capital of Texas Hwy S  
Building Three, Suite 600  
Austin, TX 78746

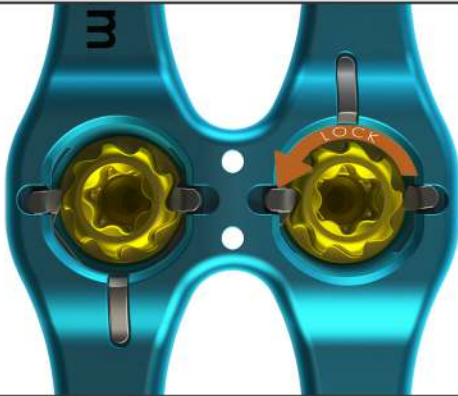
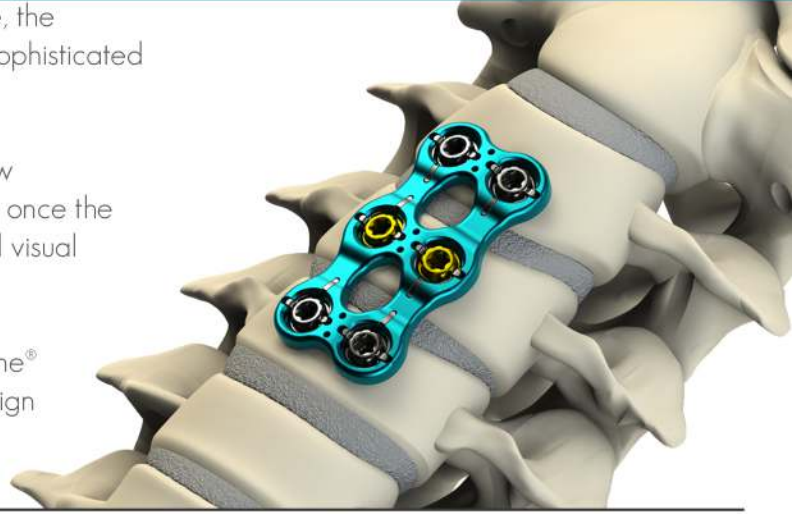
LC-021 Rev B

# Genesis Spine® Binary™ Anterior Cervical Plate with HELIOS™ Technology

Designed to optimize ease of use and reduce operation time, the Genesis Spine® Binary™ Anterior Cervical Plate features a sophisticated locking mechanism utilizing proprietary Helios™ Technology.

This locking mechanism resists both screw back-out and screw counter-rotation, requires no additional steps for the surgeon once the screws are fully seated, and provides an audible, tactile, and visual confirmation that the screw is captured by the lock.

Offering plate sizes from 1 level to 4 level, the Genesis Spine® Binary™ Anterior Cervical Plate has a smooth low-profile design incorporating lordotic curvature to minimize plate contouring during the procedure.



## HELIOS™ TECHNOLOGY FOR ZERO STEP ANTI-ROTATION AND ANTI-BACK-OUT

Genesis Spine's Helios™ Technology locking mechanism allows the lock to open as the screw head passes during screw insertion and then return to its original position, capturing the screw head. The interface between the Helios™ lock and cervical screw resists both counter-rotation and screw back-out without additional steps.

## SCREW SELECTION

The Genesis Spine® Binary™ Anterior Cervical Plate System provides self-drilling, self-tapping 3.75mm primary and 4.25mm recovery screws in both fixed and variable options. The threaded torx head screws are color coded for ease of identification.

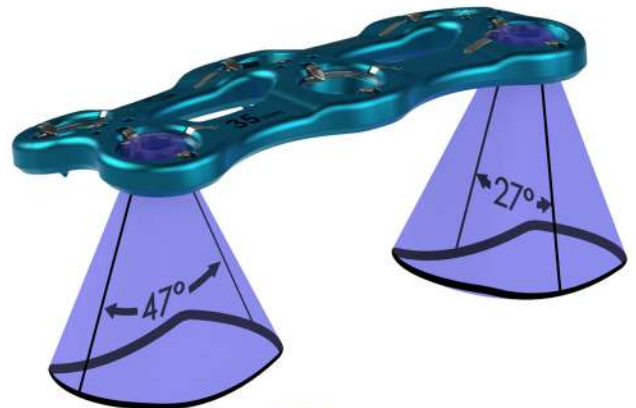


Screw sizes available in both variable and fixed:

3.75mm x 10mm	4.25mm x 10mm
3.75mm x 12mm	4.25mm x 12mm
3.75mm x 14mm	4.25mm x 14mm
3.75mm x 16mm	4.25mm x 16mm
3.75mm x 18mm	4.25mm x 18mm

## SCREW TRAJECTORY

The individual Helios Technology™ locking mechanism allows each screw to have up to 47° cephalad-caudal angulation and up to 27° medial-lateral angulation.



EMERGO EUROPE  
Molenstraat 15  
2513 BH, The Hague  
The Netherlands

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spine™

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